

Maryland Epidemiology & LTBI Update

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Prevention and Health Promotion Administration

Center for TB Control and Prevention

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MISSION AND VISION

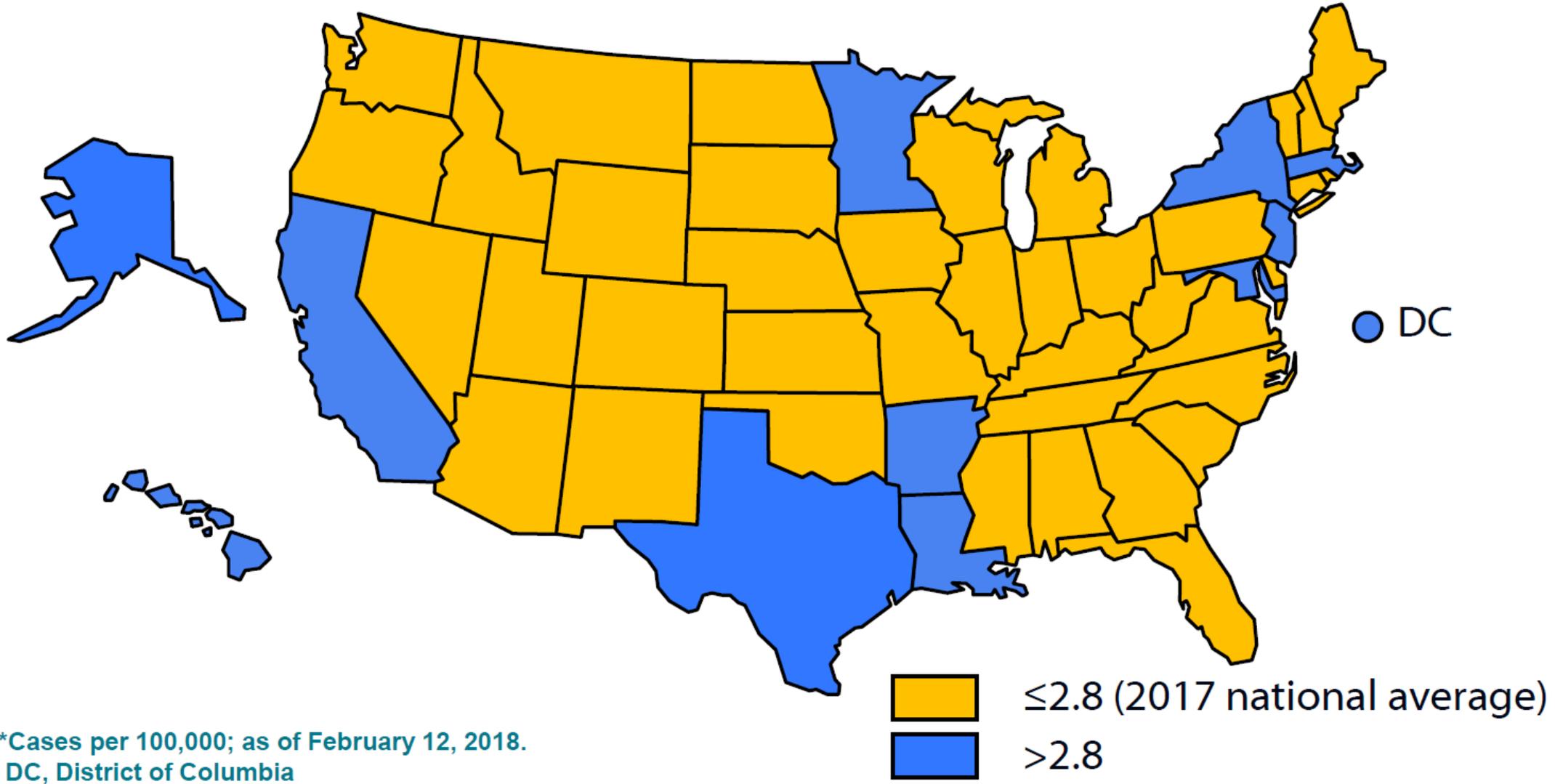
MISSION

The mission of the Prevention and Health Promotion Administration is to protect, promote and improve the health and well-being of all Marylanders and their families through provision of public health leadership and through community-based public health efforts in partnership with local health departments, providers, community based organizations, and public and private sector agencies, giving special attention to at-risk and vulnerable populations.

VISION

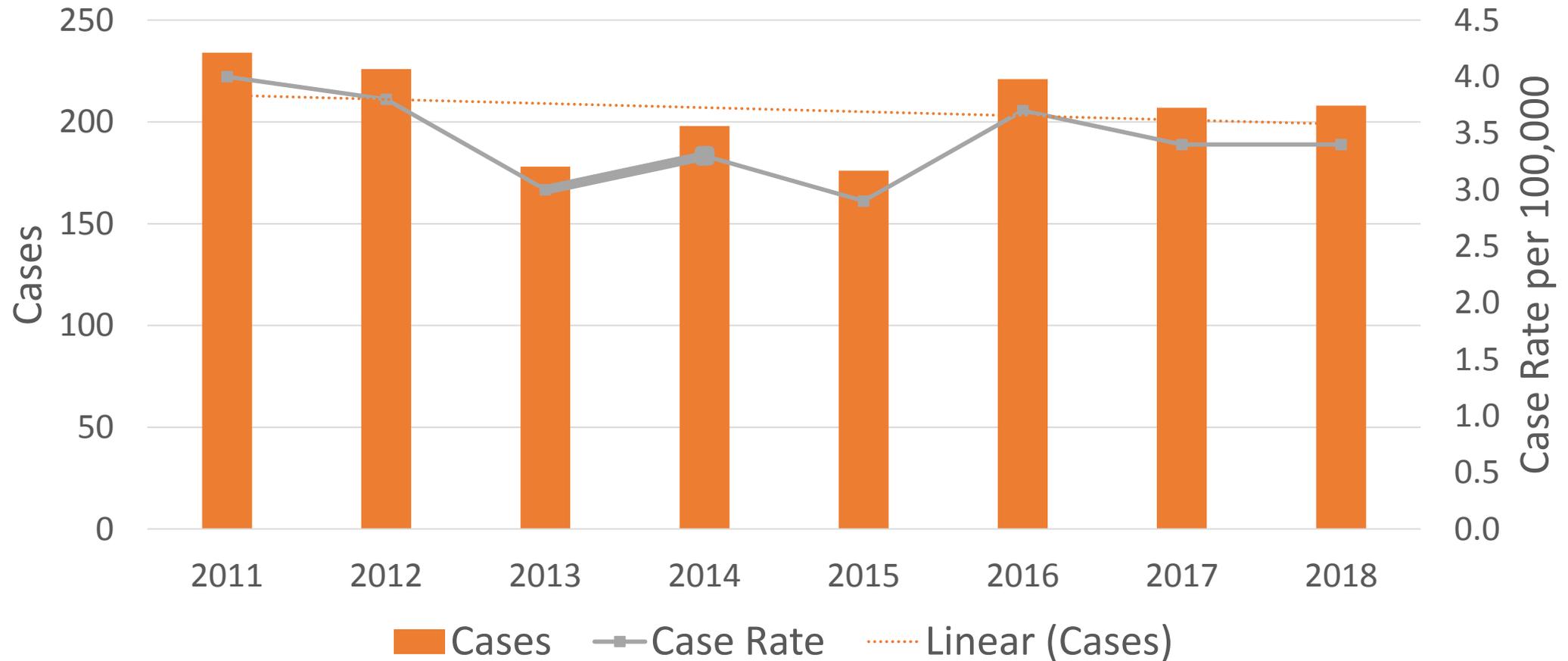
The Prevention and Health Promotion Administration envisions a future in which all Marylanders and their families enjoy optimal health and well-being.

TB Case Rates,* United States, 2017

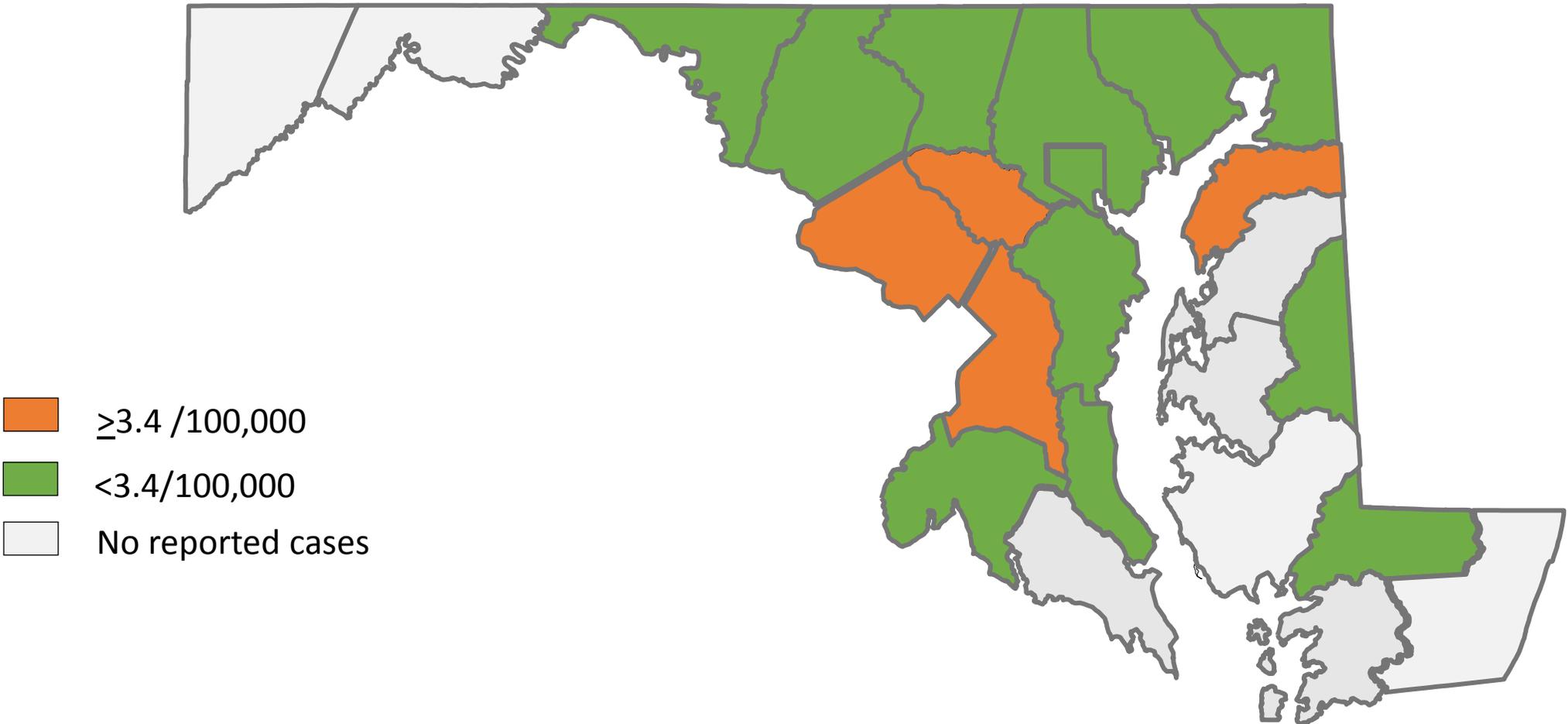


*Cases per 100,000; as of February 12, 2018.
DC, District of Columbia

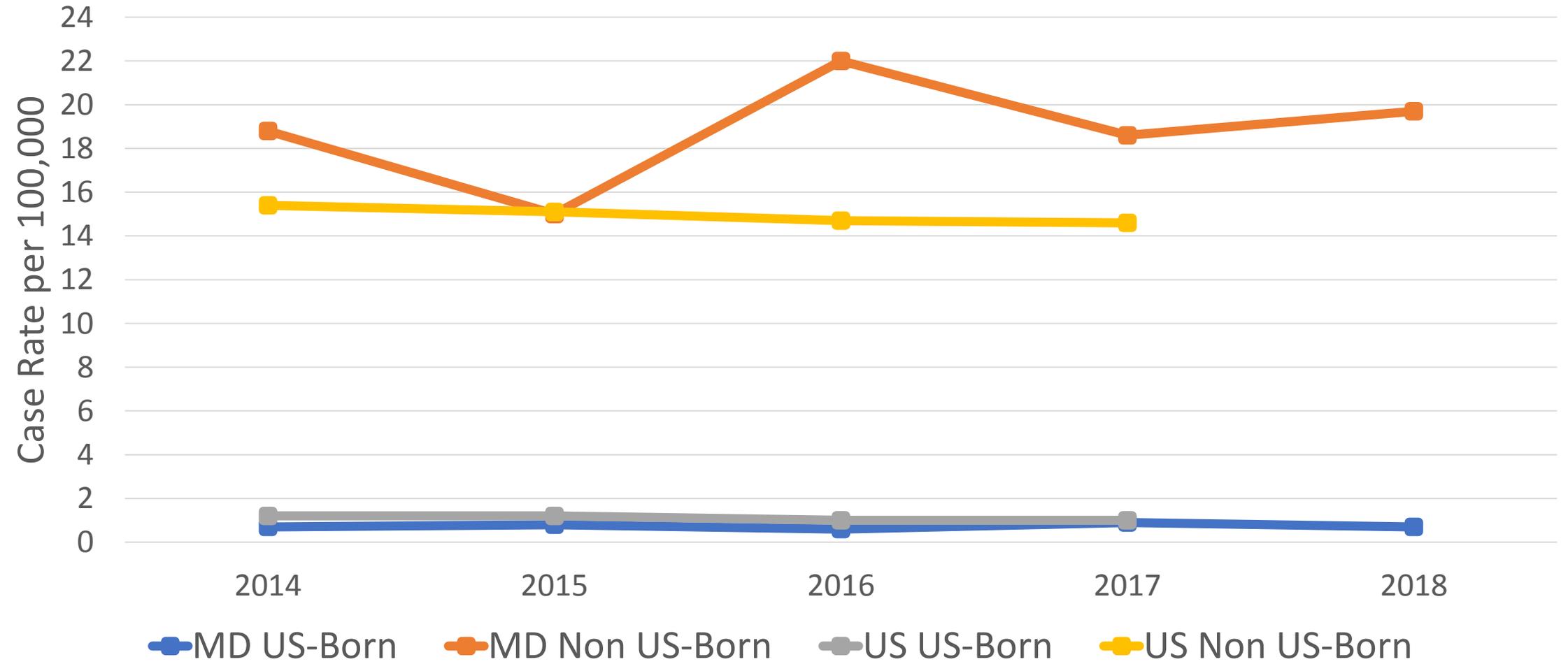
Maryland TB, 2010-2018



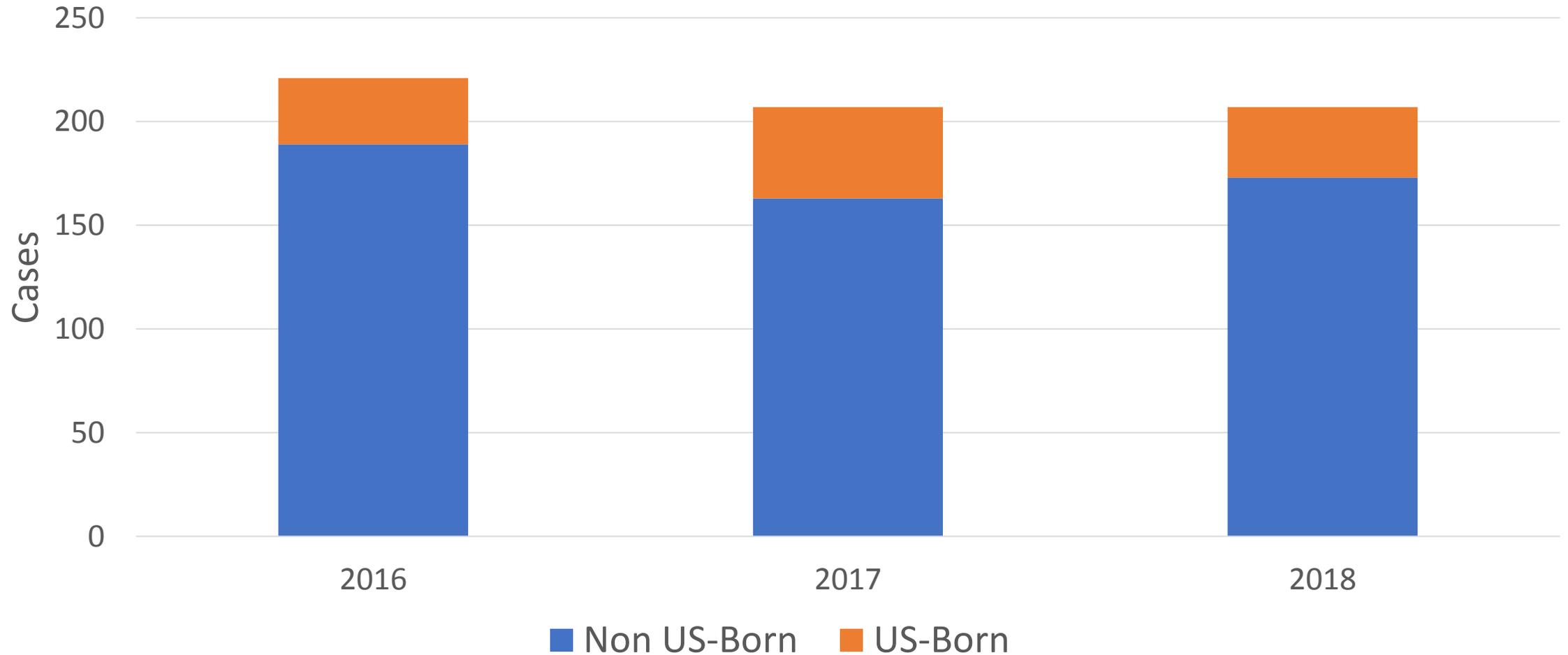
Maryland Case Rates, 2018



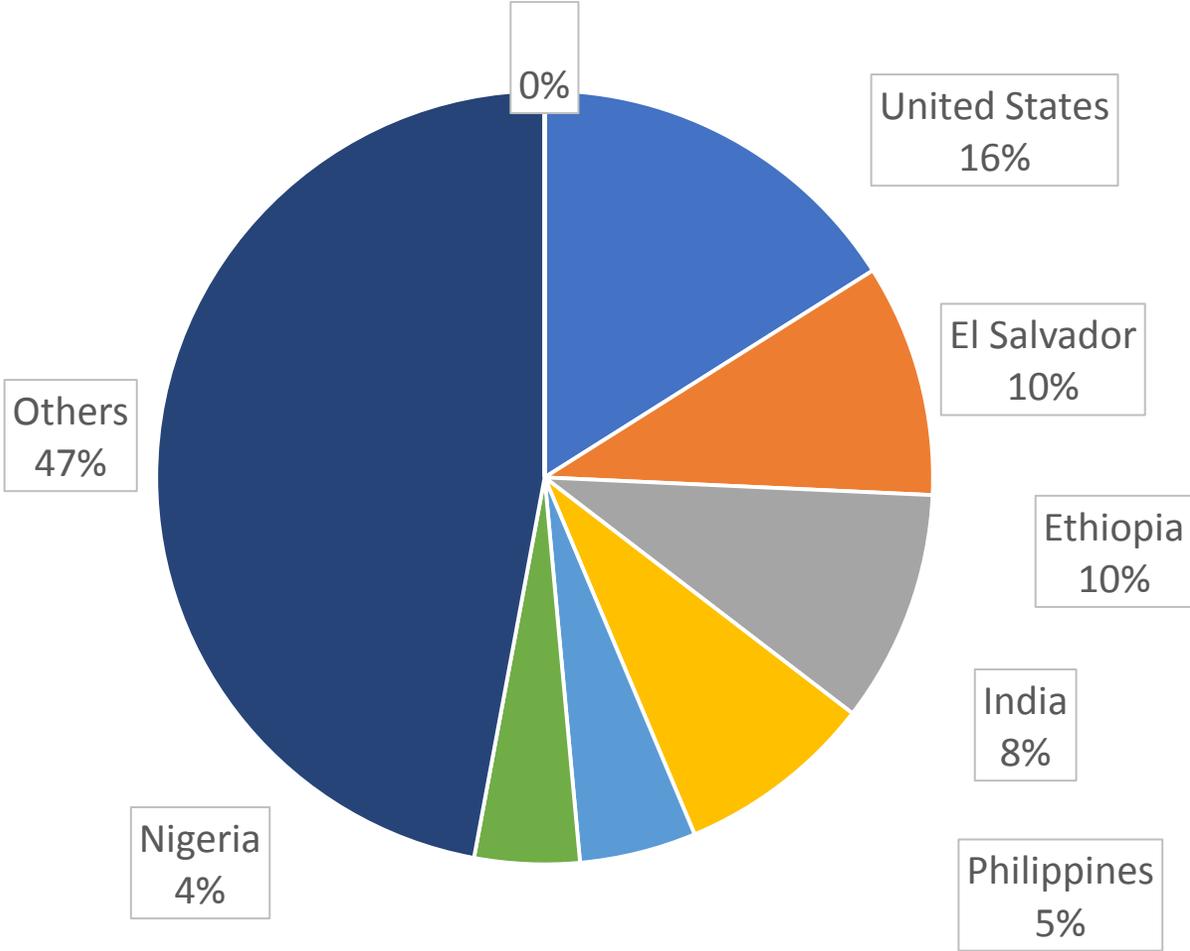
TB Case Rates Among US and Non US-Born, 2013-2018



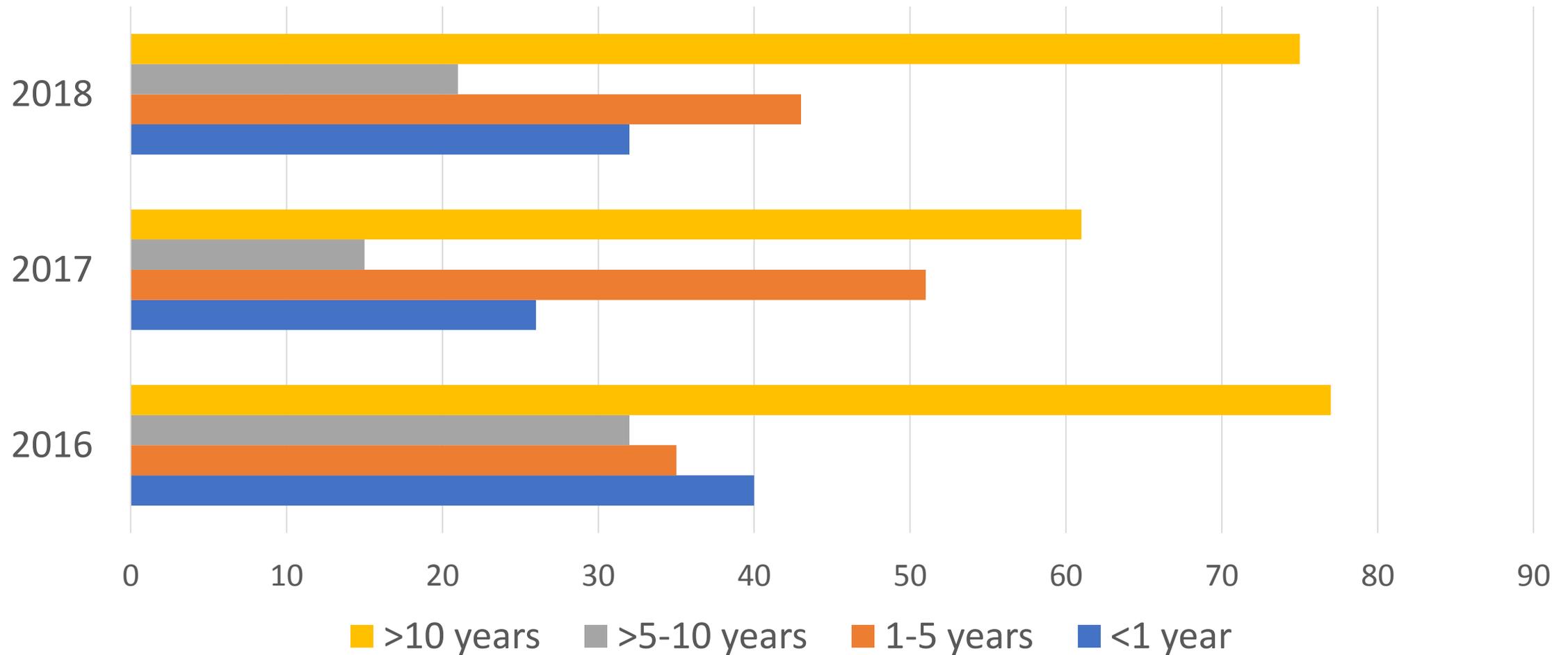
Percent of TB Cases by Origin 2015-2018



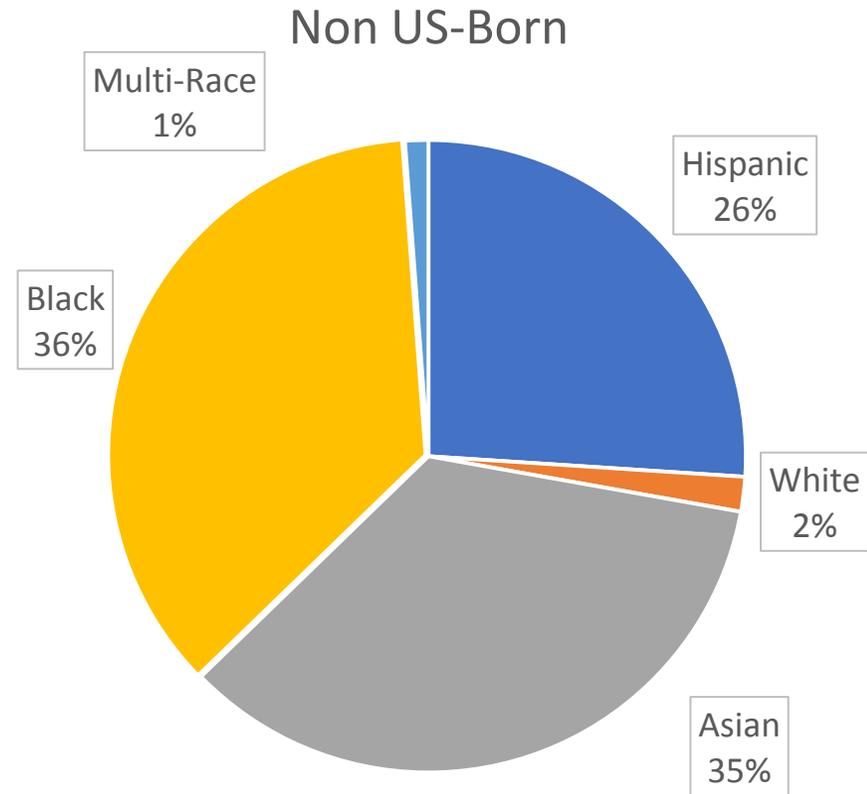
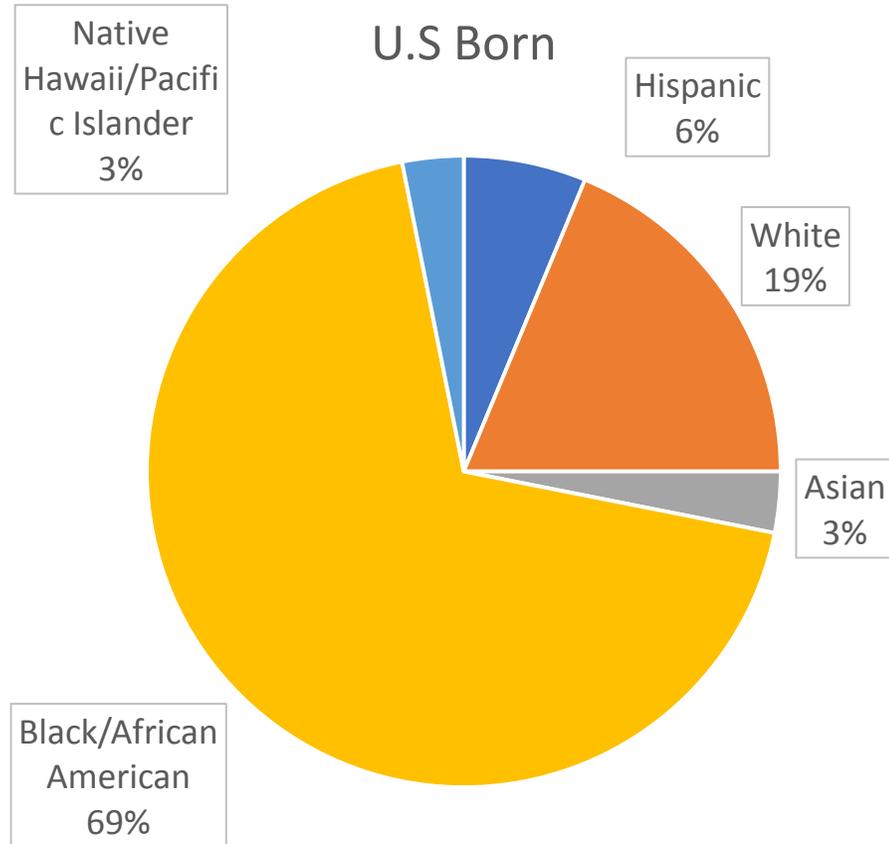
Top Countries of Birth Maryland, 2017



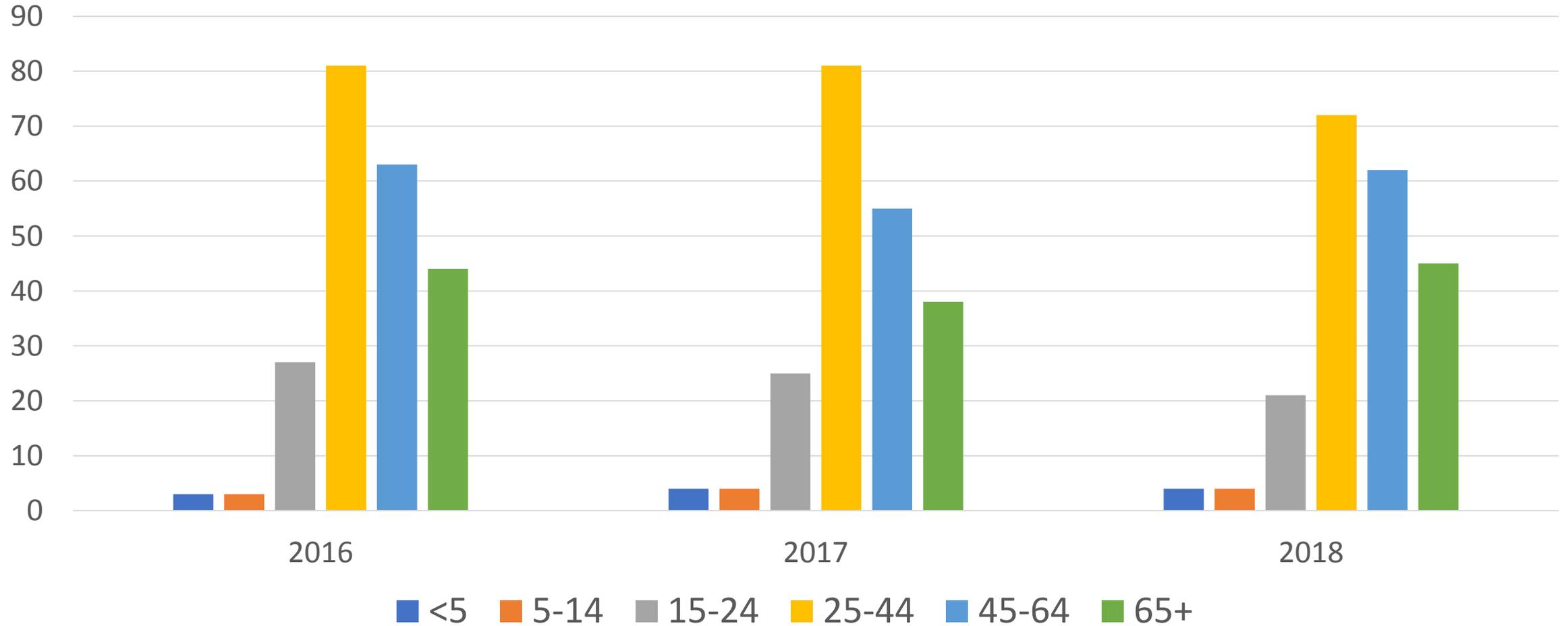
Foreign-born TB Case Numbers, by Time from U.S Arrival to Diagnosis, 2015-2018



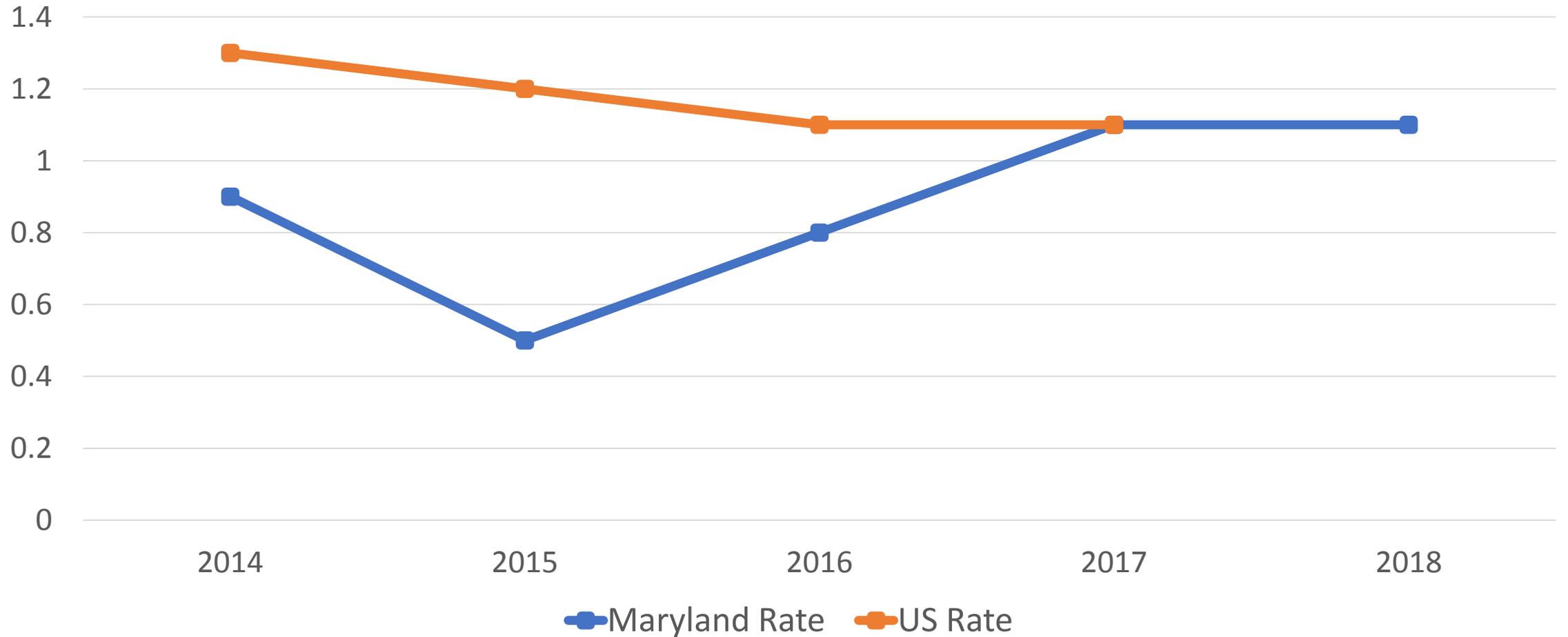
TB Cases by Race and Origin, 2018



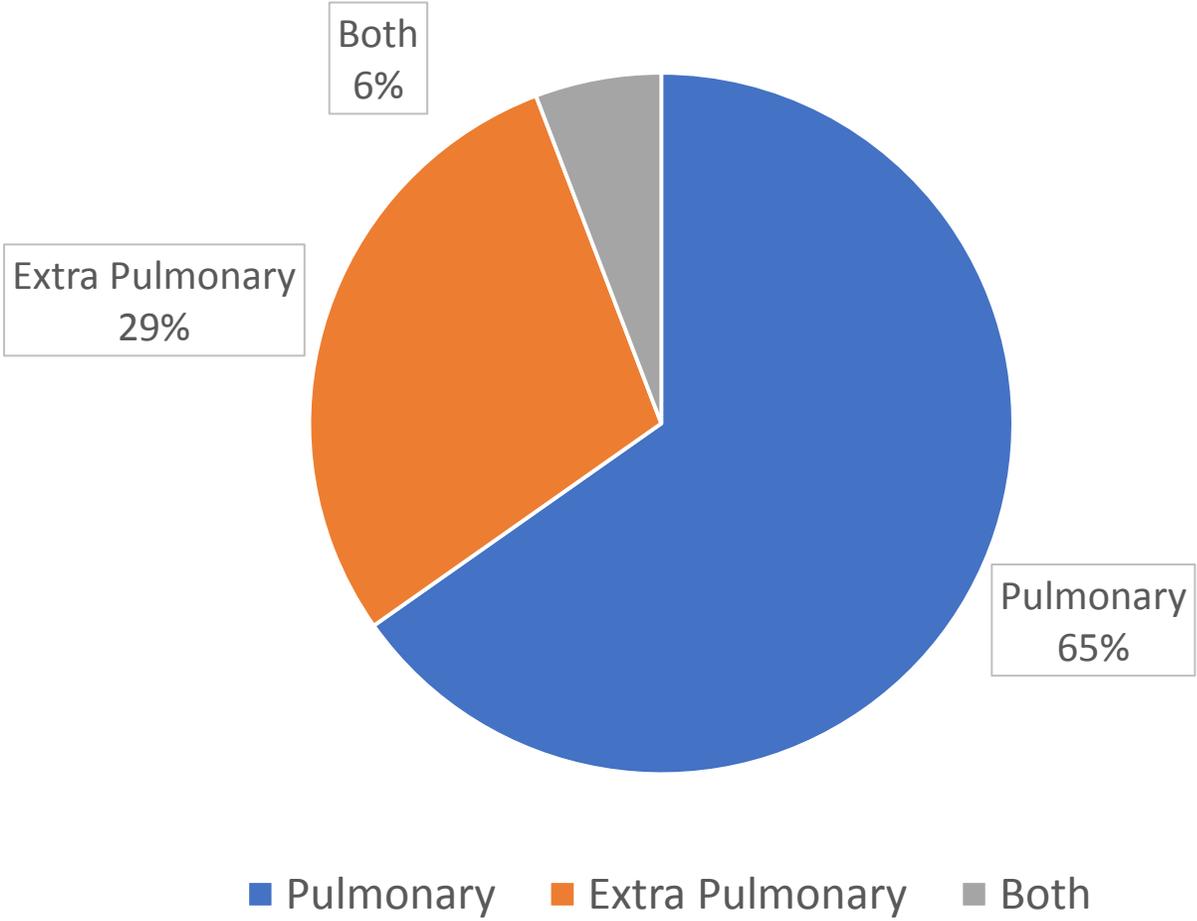
Cases by Age Group, 2016-2018



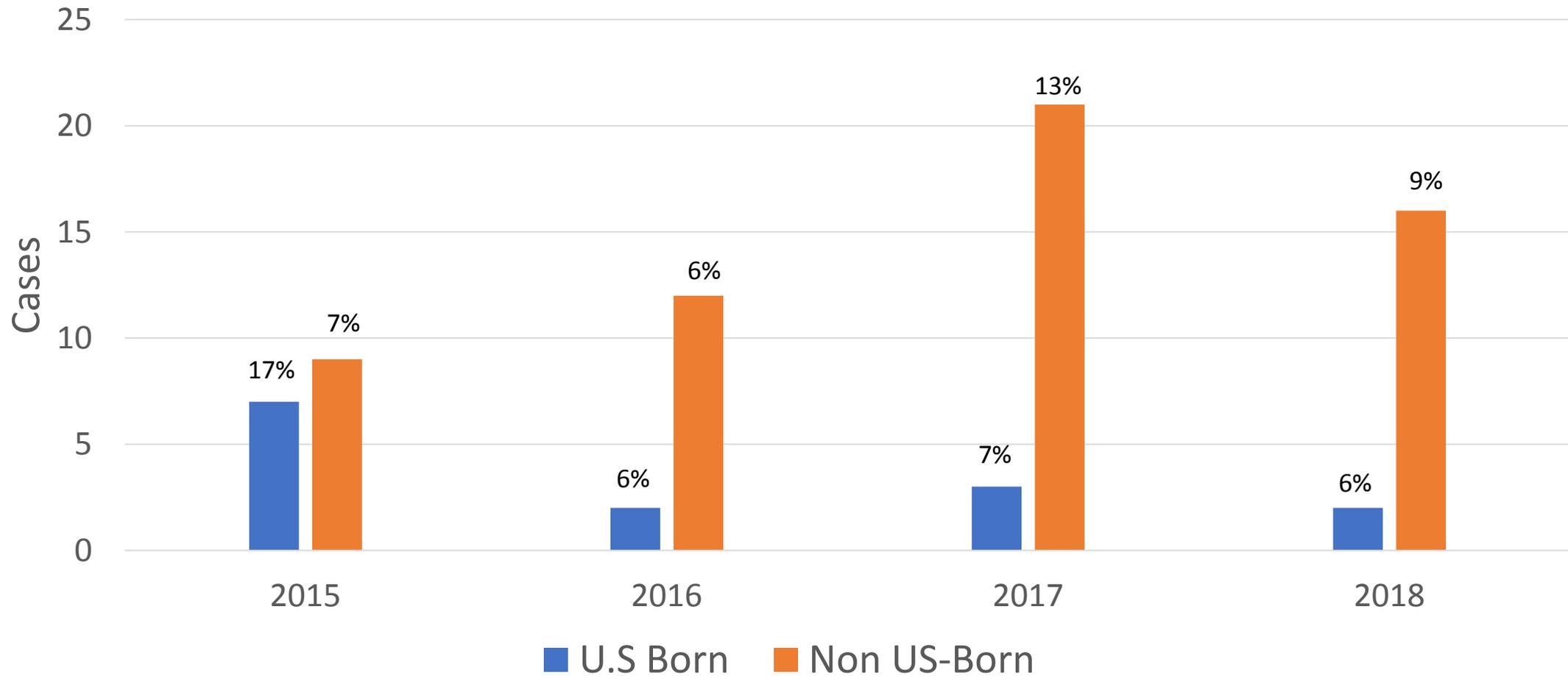
Case rate in Children <5 2014-2018



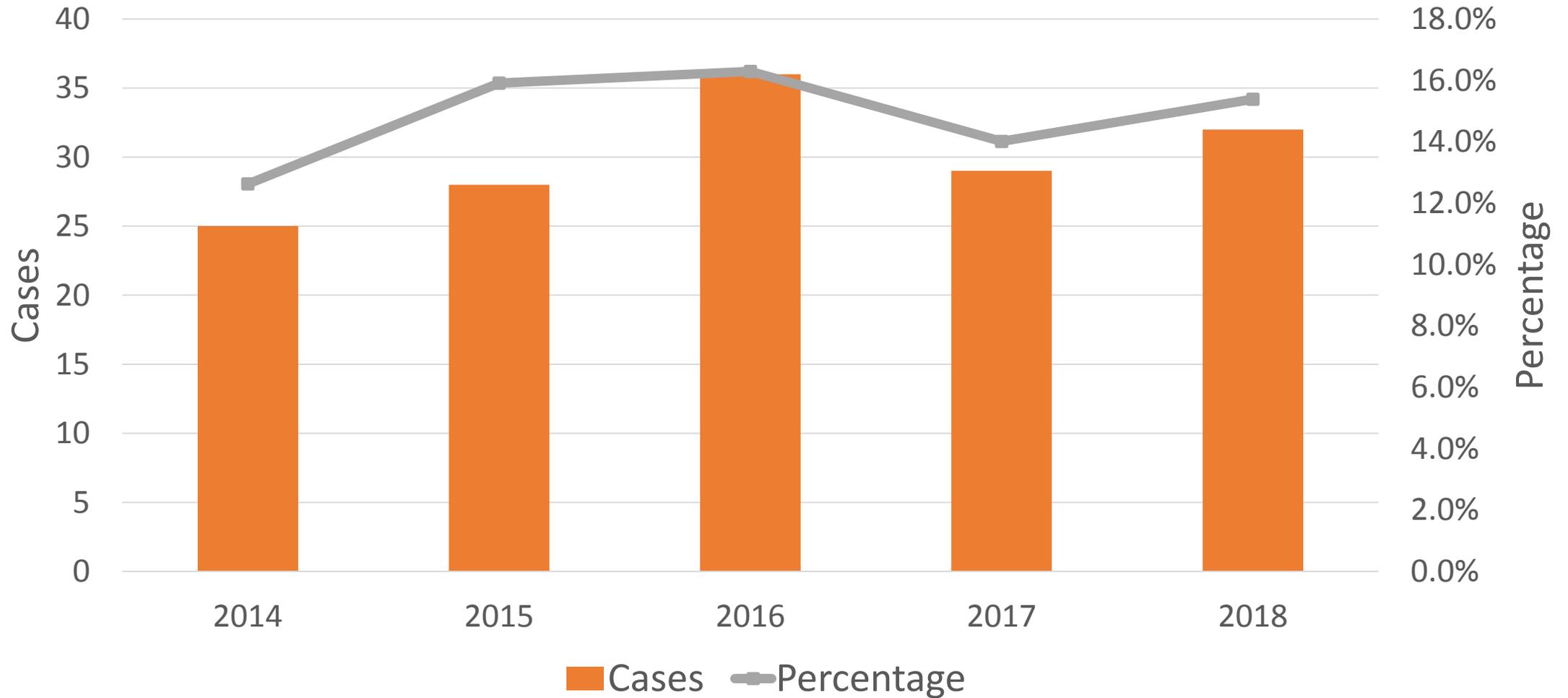
Site of Disease, Maryland 2018



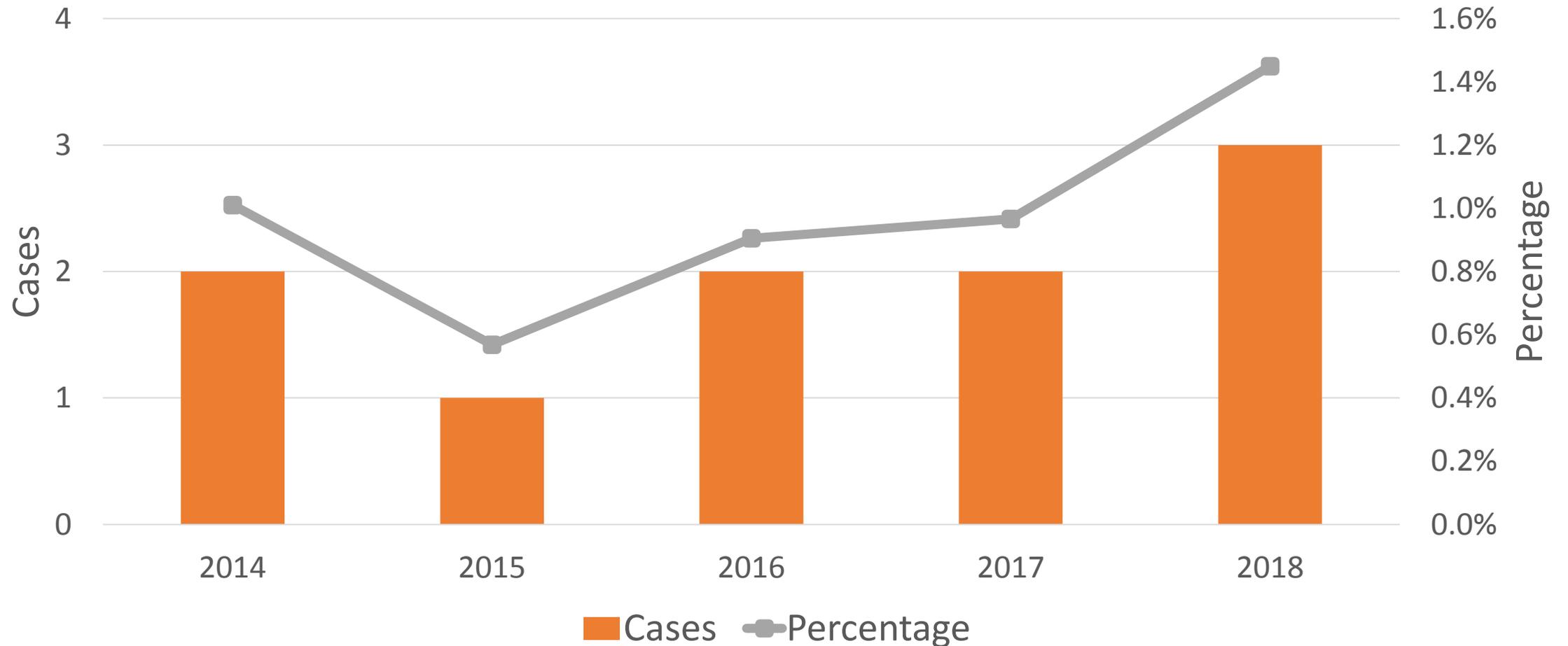
Numbers of TB HIV Co-Infection Origin of Birth, 2015-2018



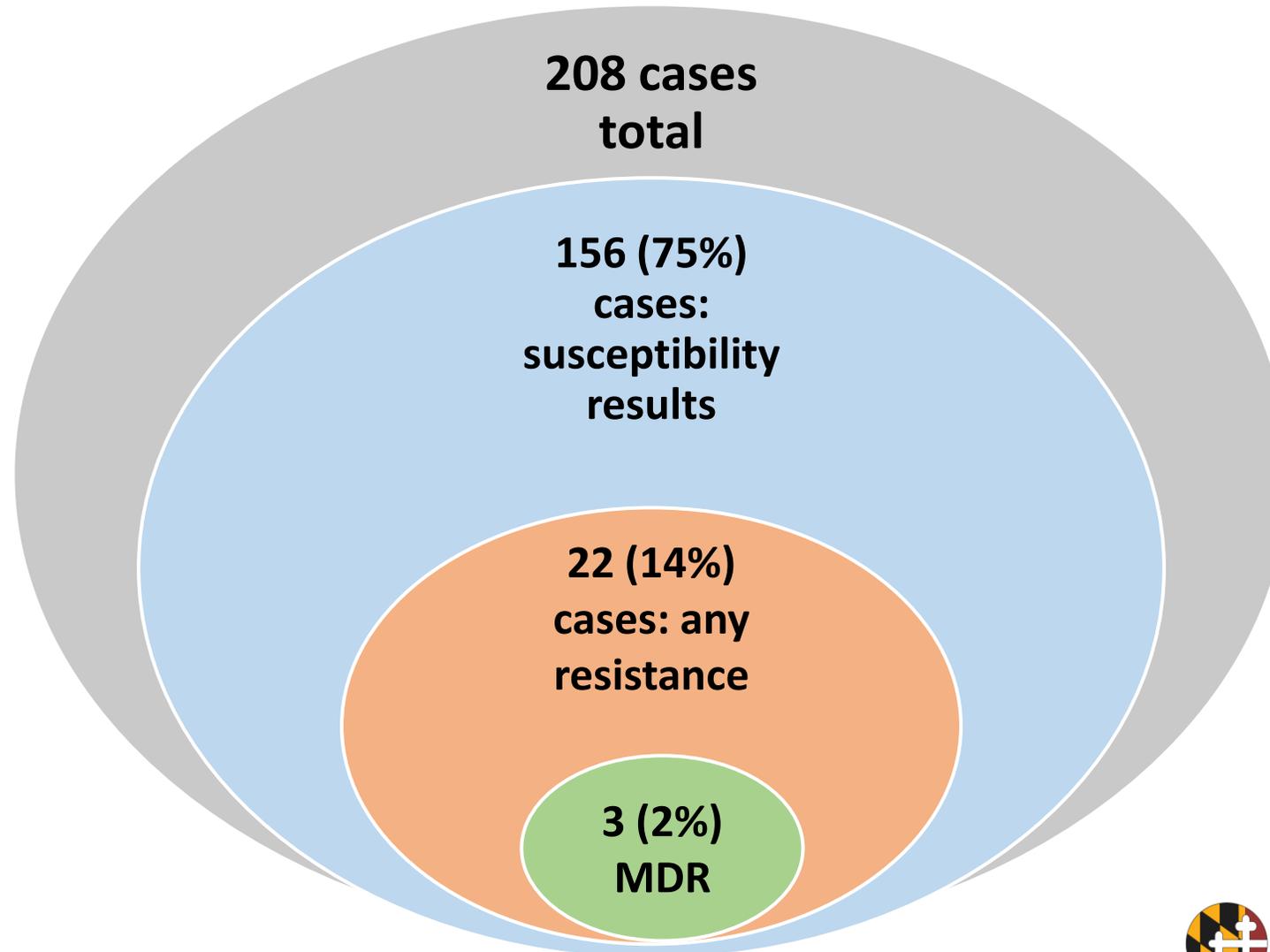
TB and Diabetes, 2014-2018



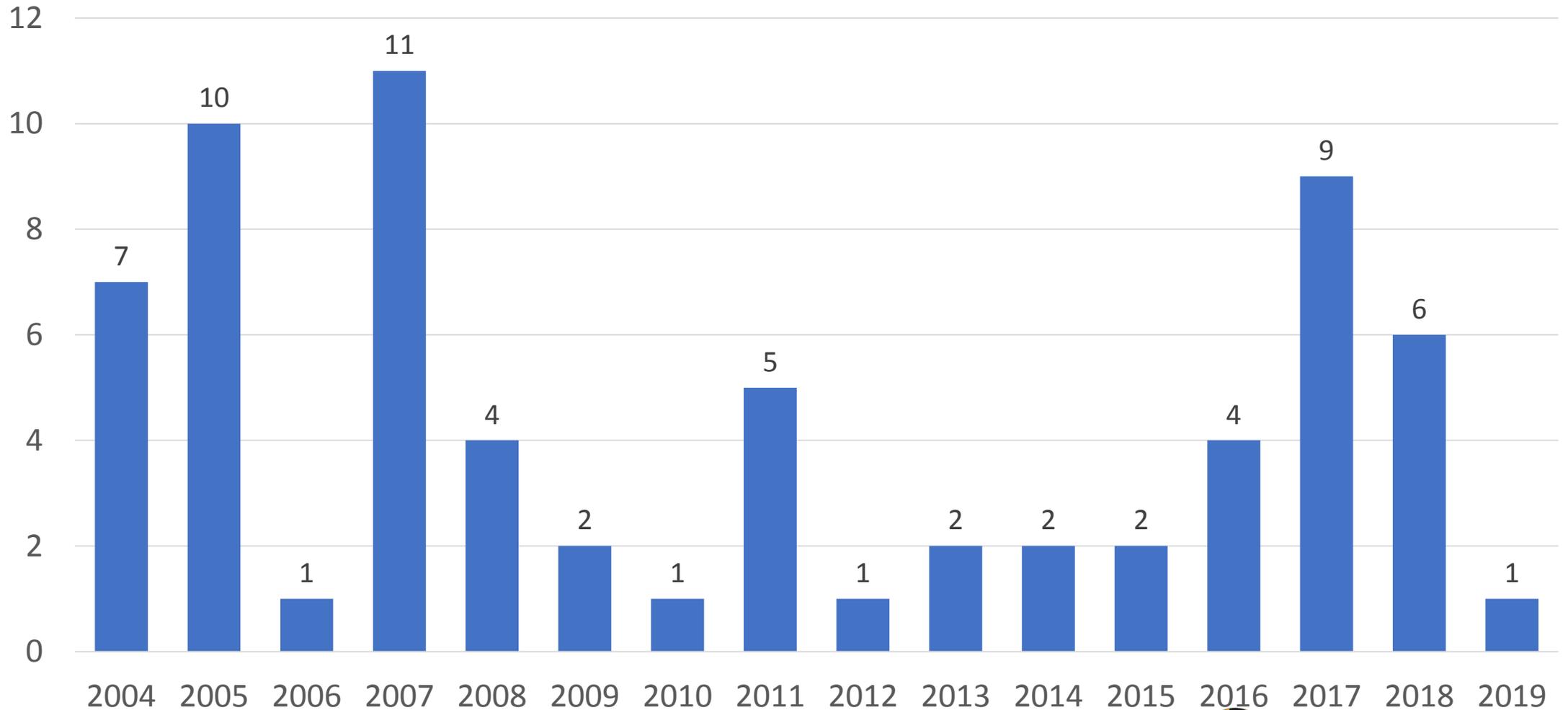
MDR/XDR TB in Maryland, 2013-2018



Drug resistance in Maryland, 2018



Maryland Outbreak, 2004-2019



NEDSS/Surveillance Data

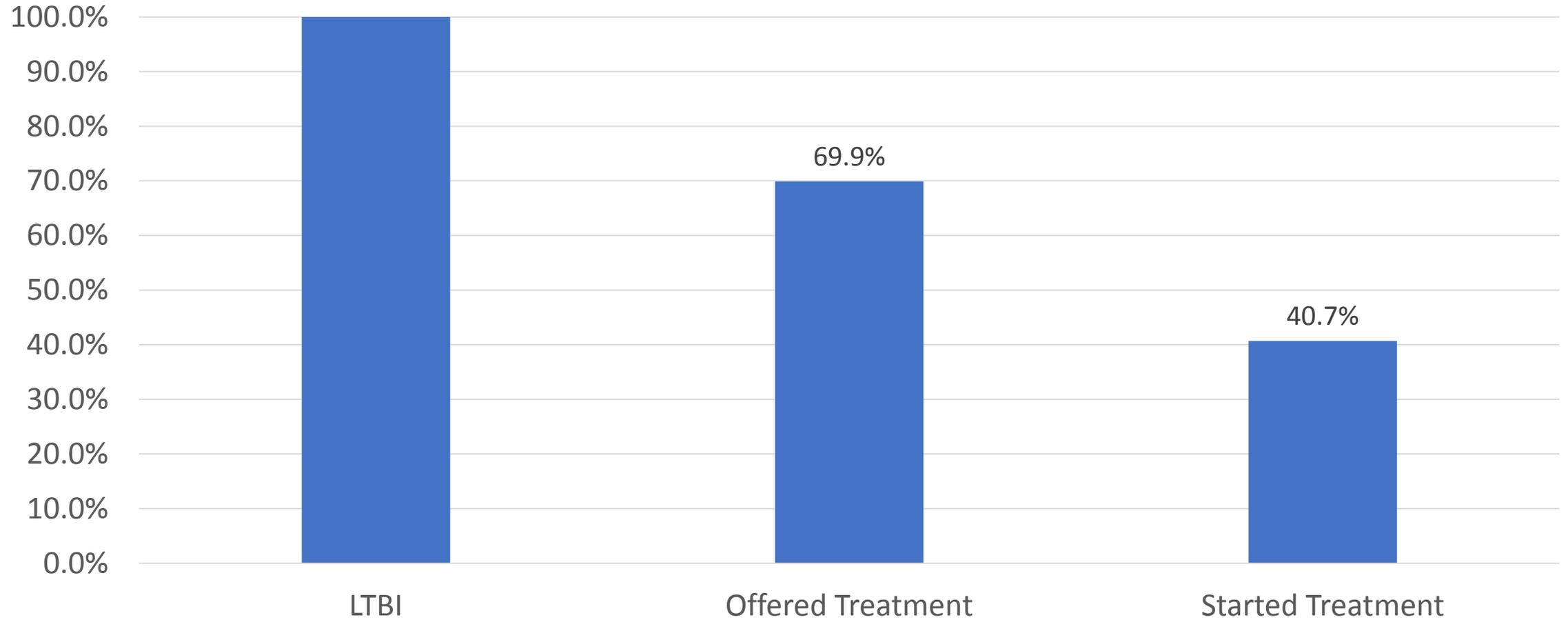
- Timely NEDSS Entry
 - Timely Case Reviews
 - Monitoring for DST and Genotyping results
 - Help identify emerging trends or areas of concern
- Timely and accurate surveillance data is crucial to understanding and preventing TB

LTBI Surveillance

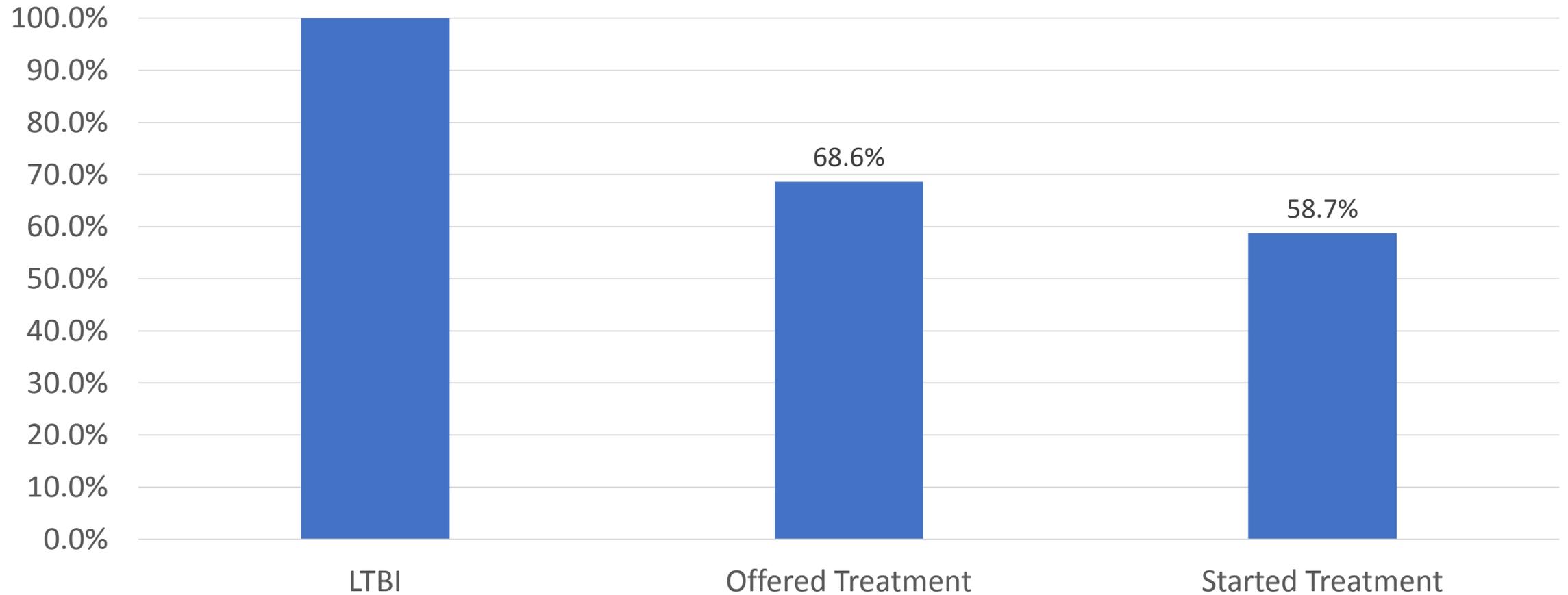
LTBI Reporting

- First 6 months of reporting 7/1/2018 – 12/31/2018
- 3606 reports
 - 835 with LTBI diagnosis (23%)
 - Others positive IGRA or TST result only
- 303 (36.3%) from LHDs

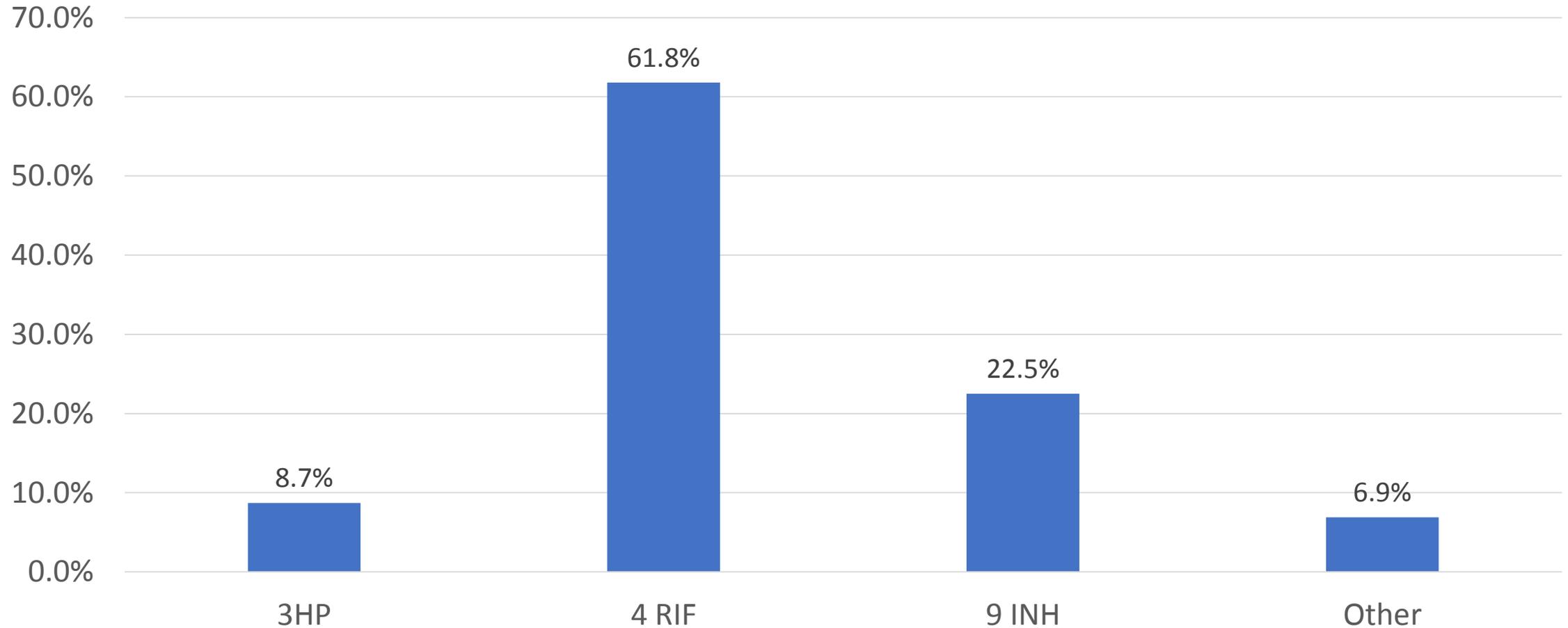
LTBI Treatment – All LTBI



LTBI Treatment – LHD Only

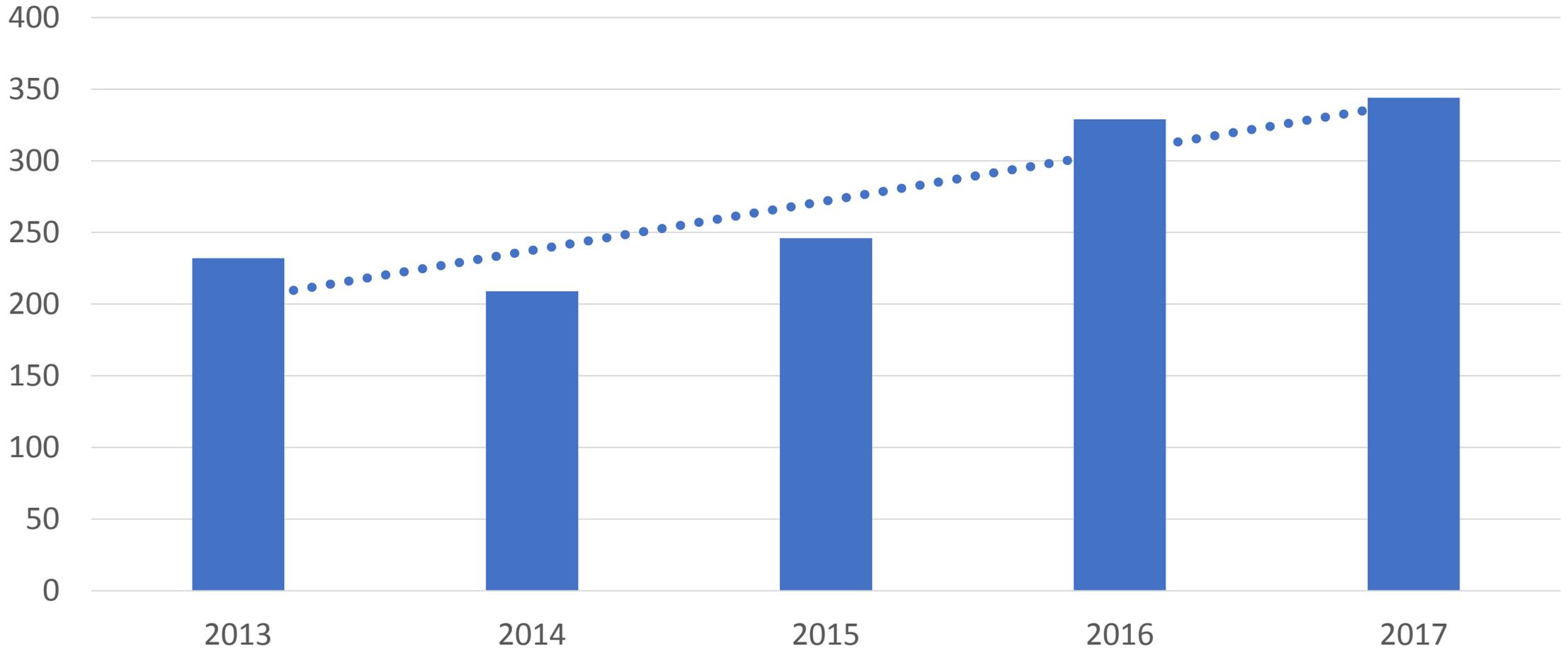


LTBI Treatment Regimen – LHD

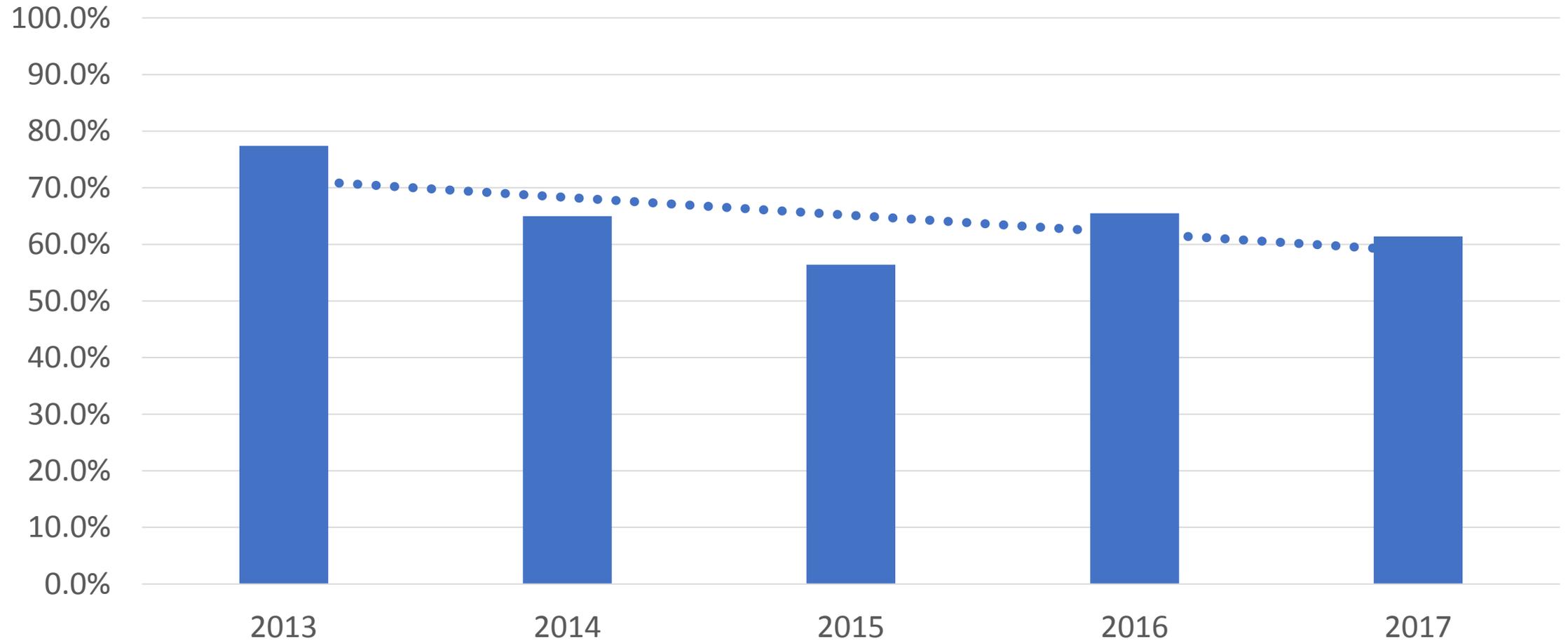


TB B-Waivers

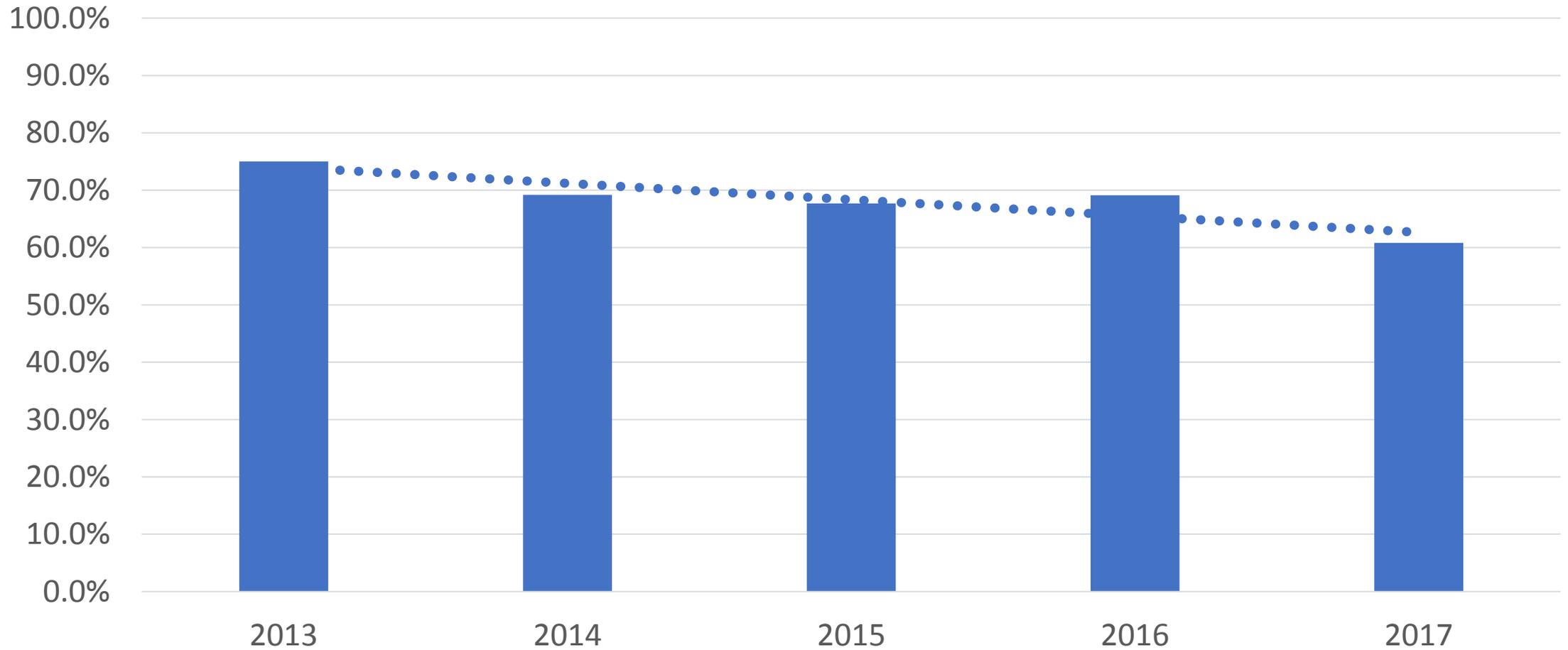
Total Maryland Arrivals with B1-waiver, 2013-2017



Arrivals with B1-waiver treatment initiation, 2013-2017



Arrivals with B1-waiver treatment completion, 2013-2017





**Maryland Department of Health
Prevention and Health Promotion Administration**

<https://phpa.health.maryland.gov>